

Title (en)

Printing position detection and correction methods for printing device

Title (de)

Feststellungs- und Korrekturverfahren für die Druckposition der Druckvorrichtung

Title (fr)

Méthodes pour détecter et corriger la position d'impression du dispositif d'impression

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Application

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Abstract (en)

A printing state detection and correction method for a printing device wherein the improvement consists in that when a pattern or letters are continuously and suitably printed onto a strip-shaped article subjected to printing by means of a duplicator to form a print portion, a variable density indicating portion to serve as a standard for judgement of variable density of each color is printed in the same manner using ink used for the formation of the print portion at a proper position around the print portion to be printed, and at first a standard variable density for each color of the variable density indicating portion is registered as data, next a CCD camera is installed at a proper position through which the strip-shaped printed article after printing passes, the variable density indicating portion is monitored by means of the CCD camera to detect the variable density, and using data obtained thereby, the variable density for each color is compared with said standard variable density for each color, and instruction of correction is not given when the error is within a range of setting of the standard, or instruction of correction is given to a control portion of the printing device when the error is outside the range of setting of the standard so as to control and adjust a sending amount of ink and the like.

<IMAGE>

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